Model 692R Remote IF Pan Display Interface

M/A-COM SIGINT Products

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VENDOR DESCRIPTION

The Model 692R is an essential component for remote systems requiring display of IF pan-spectral data from up to six receivers. Combined with a PC/workstation, appropriate control software, and data link, the Model 692R provides an effective solution for visually monitoring spectral activity from a variety of VHF/UHF and microwave, remotely located receivers. A flexible control/display data format combined with hardware features and available support software permits ease of integration of the 692R into a wide variety of system platforms. The 692R accepts up to four different IF frequencies, including 21.4 MHz and 160 MHz (standard), and optionally 70 MHz, 10.7 MHz or 8.83 MHz. Each of the six IF inputs is individually programmable for input frequency. Sweep width for the 70 and 160 MHz inputs ranges from 150 kHz to 30 MHz. Standard resolution bandwidths are 2 and 13 kHz. Wider bandwidths are available. Digitized spectral data is linked to the display device via RS-232C or RS-422, and the control interface is RS-232C or IEEE-488.

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Hardware	
Power: 31 watts	Operating Speed: N/A
Weight: 18 lbs	Operating Temp.: 0°C to 50°C
Dimensions: 46 mm x 483 mm x 508 mm	Storage Temp.: -10°C to 70°C
Internal Volume: 0.4 ft^3	Interface: RS-232/422 spectral data; RS-232 control
In-Flight Manipulation of the Sensor: Yes	Bandwidth Required: N/A
Able to Perform in an Environment with Yaw & Pitch Rates: Yes	TCDL Compatibility: N/A
Range: N/A	MTBF: Proprietary
	MTTR: Proprietary
Operating Altitude: N/A	Maintainability: 2-level BIT to LRM level

Performance
Performs 24 hrs continuous on-station mission operations within 24 hr period
Capable of 24 hr surge for X consecutive days with X days ops being limited to 16 hrs – Proprietary